CLAIMS

What is claimed is:

1.   A method of performing an availability check on a mobile device, comprising:

    receiving an item number and a requested quantity of the item number on an auxiliary computing platform of the mobile device, the auxiliary computing platform disconnected from a principal computing platform;

    creating an availability query with parameters comprising the item number and the quantity;

    connecting to the principal computing platform;

    sending the availability query to the principal computing platform; and

    receiving a query result from the principal computing platform, the query result indicating the availability of the item number at the requested quantity.

2.   The method of claim 1, further including displaying the query result to a user.

3.   The method of claim 1, wherein the availability query is selected from at least one of a product availability check, a product allocation check, and a forecast check.

4.   The method of claim 1, wherein the query result indicates at least one of a full, partial, and unavailable availability of the requested quantity.

5.   A system for performing an availability check on a mobile device comprising:

    a memory; and

    a microprocessor coupled to the memory and programmed to:

    receive an item number and a requested quantity of the item number on an auxiliary computing platform of the mobile device, the auxiliary computing platform disconnected from a principal computing platform;

create an availability query with parameters comprising the item number and the quantity;

connect to a principal computing platform;

send the availability query to the principal computing platform; and

receive a query result from the principal computing platform, the query result indicating the availability of the item number at the requested quantity.

6. The system of claim 5, wherein the microprocessor is further programmed to display the query result to a user.

7. The system of claim 5, wherein the availability query is selected from at least one of a product availability check, a product allocation check, and a forecast check.

8. The system of claim 5, wherein the query result indicates at least one of a full, partial, or unavailable availability of the requested quantity.

9. An article of manufacture containing instructions for performing an availability check on a mobile device, the instructions being capable of causing a processor to:

receive an item number and a requested quantity of the item number on an auxiliary computing platform of the mobile device, the auxiliary computing platform disconnected from a principal computing platform;

create an availability query with parameters comprising the item number and the quantity;

connect to a principal computing platform;

send the availability query to the principal computing platform; and

receive a query result from the principal computing platform, the query result indicating the availability of the item number at the requested quantity.

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10.   The article of manufacture of claim 9, wherein the instructions are further capable of causing a processor to display the query result to a user.

11.   The article of manufacture of claim 9, wherein the availability query is selected from at least one of a product availability check, a product allocation check, and a forecast check.

12.   The article of manufacture of claim 9, wherein the query result indicates at least one of a full, partial, and unavailable availability of the requested quantity.

13.   A method of performing an availability check on a mobile device, comprising:
         synchronizing one or more data items in a backend database with one or more data items in a replica database located at the mobile device;
         receiving an item number and a requested quantity of the item number;
         creating an availability query with parameters comprising the item number and the quantity;
         applying the availability query to the replica database; and
         providing a query result, the query result indicating the availability of the item number at the requested quantity.

14.   The method of claim 13, further including displaying the query result to a user.

15.   The method of claim 13, wherein the availability query is selected from at least one of a product availability check, a product allocation check, and a forecast check.

16.   The method of claim 13, wherein the query result indicates at least one of a full, partial, and unavailable availability of the requested quantity.

17.   A system for performing an availability check on a mobile device comprising:
         a memory; and
         a microprocessor coupled to the memory and programmed to:

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synchronize one or more data items in a backend database with one or
more data items in a replica database located at the mobile device;

receive an item number and a requested quantity of the item number;

create an availability query with parameters comprising the item
number and the quantity;

apply the availability query to the replica database; and

provide a query result, the query result indicating the
availability of the item number at the requested quantity.

18.	The system of claim 17, wherein the microprocessor is further programmed to
display the query result to a user.

19.	The system of claim 17, wherein the availability query is selected from at least
one of a product availability check, a product allocation check, and a forecast check.

20.	The system of claim 17, wherein the query result indicates at least one of a
full, partial, and unavailable availability of the requested quantity.

21.	An article of manufacture containing instructions for performing an
availability check on a mobile device, the instructions being capable of causing a processor
to:

synchronize one or more data items in a backend database with one or
more data items in a replica database located at the mobile device;

receive an item number and a requested quantity of the item number;

create an availability query with parameters comprising the item
number and the quantity;

apply the availability query to the replica database; and

provide a query result, the query result indicating the
availability of the item number at the requested quantity.

22.	The article of manufacture of claim 21, wherein the instructions are further
capable of causing a processor to display the query result to a user.

23.   The article of manufacture of claim 21, wherein the availability query is selected from at least one of a product availability check, a product allocation check, and a forecast check.

24.   The article of manufacture of claim 21, wherein the query result indicates one of a full, partial, or unavailable availability of the requested quantity.